

Title (en)

METALLURGICAL VESSEL, IN PARTICULAR ARC FURNACE

Title (de)

METALLURGISCHES GEFÄSS, INSBESONDERE LICHTBOGENOFEN

Title (fr)

RÉCIPIENT MÉTALLURGIQUE, EN PARTICULIER FOUR À ARC

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Application

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Abstract (en)

[origin: US2010044931A1] The invention relates to a metallurgical vessel (1), in particular an arc furnace, having a holding container (2) for metal melt and having a lid (3), by means of which the holding container (2) can be at least partially covered, wherein the metallurgical vessel also has at least one lance (4, 5) for the supply of a medium into the metallurgical vessel (1), and wherein the at least one lance (4, 5) is pivotably arranged on or in the metallurgical vessel (1). In order to be able to introduce a medium into the interior of the furnace in an improved manner, the invention provides that at least one lance (4, 5) is arranged in the region of the lid (3) of the metallurgical vessel (1) on a revolute joint (6) which has a rotational axis aligned in a horizontal direction (H).

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